

Amendments to the Claims:

Please amend claims 53-68, 71-73, and 76; and add new claims 79 and 80 as set forth in the below listing of claims. This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. – 52. (Canceled)

53. (Currently amended) A method of treating one or more lesions in a vessel, the vessel having a main branch and a side branch branching from the main branch at a bifurcation, the method comprising:

providing a plurality of stents comprising a first, second, and third stent unconnected with each other;

positioning a delivery catheter in the main branch, the delivery catheter having an expandable member disposed thereon ~~and first and second stents unconnected with one another and, wherein at least two of the stents are~~ positionable over the expandable member in direct engagement with one another when unexpanded;

radially expanding the expandable member thereby radially expanding the first stent and the second stent concurrently in the main branch;

positioning the delivery catheter in the side branch; and

radially expanding the expandable member thereby radially expanding the ~~second~~ third stent in the side branch[;];

wherein the delivery catheter remains in the vessel between radially expanding the first and second stents and the third stent.

54. (Currently amended) A method as in claim 53 wherein the plurality of stents comprise a fourth stent, the method further comprising deploying ~~a third the fourth~~ stent from the delivery catheter in the main branch or the side branch without removing the delivery catheter from the vessel.

55. (Currently amended) A method as in claim 53 wherein each of the first and second stents comprises a plurality of circumferentially and longitudinally arranged openings in a sidewall thereof, each opening of the plurality expandable to allow the deployment of a stent therethrough, the method further comprising:

~~the delivery catheter is positioned through an opening in a sidewall of the first stent to deploy the second stent;~~

positioning the delivery catheter through one of the openings; and

deploying a stent with the delivery catheter positioned through the one opening.

56. (Currently amended) A method as in claim 53 wherein each of the first, second, and third stents comprises~~the first and second stents each comprise~~ a plurality of separable segments.

57. (Currently amended) A method as in claim 53 wherein ~~the first stent has~~ first and second stents have a different overall length than ~~the second third~~ stent.

58. (Currently amended) A method as in claim 53 wherein ~~the first stent is~~ and second stents are deployed before ~~the second third~~ stent.

59. (Currently amended) A method as in claim 53 wherein ~~the second third~~ stent is deployed before ~~the first stent~~ and second stents.

60. (Currently amended) A method as in claim 53 wherein ~~the first third stent~~ and the second stent each have has a portion in the main branch.

61. (Currently amended) A method as in claim 53 further comprising adjusting the length of ~~the first stent~~ and second stents before deploying the ~~first stent~~ and second stents while the delivery catheter remains in the vessel.

62. (Currently amended) A method as in claim 53 further comprising adjusting the length of ~~the second third~~ stent before deploying the ~~second third~~ stent while the delivery catheter remains in the vessel.

63. (Currently amended) A method as in claim 53 further comprising dilating at least one lesion in the vessel using[[an]] the expandable member on the delivery catheter without a stent disposed thereon before ~~deploying at least one of~~ the first and second stents.

64. (Currently amended) A method of treating one or more lesions in a vessel, the vessel having a first branch and a second branch meeting at a bifurcation, the method comprising:

providing a plurality of stents comprising a first, second, and third stent unconnected with each other;

positioning a delivery catheter in the first branch, the delivery catheter having an expandable member disposed thereon ~~and first and second stents unconnected with one another and, wherein at least two of the stents are~~ positionable over the expandable member in direct engagement with one another when unexpanded;

radially expanding the expandable member thereby radially expanding the first stent and the second stent concurrently in the first branch, a portion of at least one of the first stent or the second stent being disposed across the bifurcation;

positioning the delivery catheter in the second branch through an opening in a sidewall of the first stent or the second stent; and

radially expanding the expandable member thereby radially expanding the ~~second~~ third stent, at least a portion of the ~~second~~ third stent being disposed in the second branch[;],

wherein the delivery catheter remains in the vessel between radially expanding the first and second stents and the third stent.

65. (Currently amended) The method of claim 64 further comprising dilating the opening in the sidewall of the first or second stent by expanding[[an]] the expandable member on the delivery catheter.

66. (Currently amended) The method of claim 65 wherein before dilating, the opening in the sidewall of the first or second stent is I-shaped.

67. (Currently amended) The method of claim 64 wherein at least one of the first stent or the second stent has a first portion with a plurality of first sidewall slots and a second portion with a plurality of second sidewall slots, the first slots being larger than the second slots.

68. (Currently amended) The method of claim 67 wherein the opening in the sidewall of the first or second stent comprises one of the first slots, and wherein the first or second stent is deployed so that at least one of the first slots is aligned with the bifurcation.

69. (Previously presented) The method of claim 64 wherein the first stent has a different geometry than the second stent.

70. (Previously presented) The method of claim 64 wherein the first stent has a different length than the second stent.

71. (Currently amended) The method of claim 64 wherein at least one of the first and second, second, or third stents comprises a plurality of separable segments.

72. (Currently amended) The method of claim 64 wherein each of the first and second stents comprises a plurality of circumferentially and longitudinally arranged sidewall openings, each opening of the plurality expandable to allow the deployment of a stent therethrough, the method further comprising dilating at least one lesion in the vessel expanding one of the expandable openings of the third stent that is aligned with the first branch of the vessel using[[an]] the expandable member on the delivery catheter without a stent disposed thereon before deploying at least one of the first and second stents.

73. (Currently amended) A method as in claim 56, further comprising:
selecting a first number of the separable segments for radial expansion, the first number of segments comprising a segment of each of the first and second stents and having a first length that substantially traverses a first lesion in the main branch; and

selecting a second number of the separable segments for radial expansion, the second number of segments comprising a segment of the third stent and having a second length that substantially traverses a second lesion in the side branch,

wherein the first number of segments is different than the second number.

74. (Previously presented) A method as in claim 73, wherein the step of selecting either the first number or the second number of segments comprises moving a sheath disposed at least partially over the delivery catheter.

75. (Previously presented) A method as in claim 73, wherein the step of selecting either the first number or the second number of segments comprises moving a pusher tube disposed at least partially over the delivery catheter.

76. (Currently amended) A method as in claim 71, further comprising:
selecting a first number of the separable segments for radial expansion, the first number of segments comprising a segment of each of the first and second stents and having a first length that substantially traverses a first lesion in either the first branch or the second branch; and

selecting a second number of the separable segments for radial expansion, the second number of segments comprising a segment of the third stent and having a second length that substantially traverses a second lesion in the other branch,

wherein the first number of segments is different than the second number.

77. (Previously presented) A method as in claim 76, wherein the step of selecting either the first number or the second number of segments comprises moving a sheath disposed at least partially over the delivery catheter.

78. (Previously presented) A method as in claim 76, wherein the step of selecting either the first number or the second number of segments comprises moving a pusher tube disposed at least partially over the delivery catheter.

79. (New) A method as in claim 55, wherein each of the plurality of openings are expandable to a diameter substantially equal to an expanded diameter of at least one of the first, second, or third stents when deployed in the vessel.

80. (New) A method as in claim 72, wherein each of the plurality of openings are expandable to a diameter substantially equal to an expanded diameter of at least one of the first, second, or third stents when deployed in the vessel.